

Reco/Sim News

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Status of MCC 5.0

- MCC 5.0 is delayed because there was a problem with track reconstruction code.
 - Robert Sulej is working hard on solving this problem and he is going to implement a fix soon.
- I had a meeting with ND TF people and we had an agreement to simulate both neutrino and antineutrino samples using consistent flux simulation.
 - Dominic Brailsford is producing flux files in the right format for both neutrinos and antineutrinos.
- Hopefully we can start MC production this week.

New MC Samples

- We will produce a MUSUN sample using the full 10 kt geometry. MUSUN is a underground cosmic generator.
- We will produce several supernova samples thanks to Gleb Sinev for implementing a supernova generator in larsoft.

Other highlights

- Mike Wallbank continues to make good progress on the shower reconstruction.
- WireCell folks have made a breakthrough in reconstructing events in wrapped-wire geometry.